

Application No.: 10/019,459

Docket No.: BA1-99-137A (99-137A)

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A flight information display for a flight deck of an aircraft, the display showing a side view of a flight path or area directly in front of the aircraft having a selected distance of at least 0.5 nautical miles, the aircraft having means for determining the aircraft's location, the location determining means having a minimum accuracy, the display comprising:
 - a pictorial representation to scale of a profile of highest elevations of a swath of terrain along the path area, a width of the swath widening as distance from the aircraft increases and being at least 0.1 nautical miles and no greater than a distance of the minimum accuracy of the location determining means;
 - an icon representing the aircraft, the icon being positioned on a left or right side of the display, the altitude of which is to scale with the height of the terrain; and
 - an altitude reference scale.
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Previously Presented) The display of Claim 1, further comprising a top-down display of a range of terrain in front of the airplane to a compass rose, wherein the selected distance shown in the side view is at least half the range of terrain shown on the top-down display.
6. (Previously Presented) The display of Claim 5, wherein the selected distance shown in the side view is no greater than two times the range of terrain shown on the top-down display.
7. (Previously Presented) The display of Claim 5, wherein the selected distance shown in the side view is the range of terrain shown on the top-down display.
8. (Cancelled)
9. (Currently Amended) The display of Claim 1, wherein the swath is substantially rectangular, a length of a first section of the swath extending along a track of the aircraft from a nose of the aircraft to about 2.5 nautical miles from the nose of the aircraft, a width of the first section of the swath extending about 0.25 nautical miles about the track of the aircraft, a length of a

Application No.: 10/019,459

Docket No.: BA1-99-137A (99-137A)

second section of the swath extending from about 2.5 nautical miles from the nose of the aircraft to about 5 nautical miles from the nose of the aircraft, a width of the second section of the swath extending about 0.75 nautical miles about the track of the aircraft.

10. (Previously Presented) The display of Claim 9, wherein the length of a third section of the swath extends from about 5 nautical miles from the nose of the aircraft to an edge of the display, the width of the third section of the swath extending from about 1 nautical mile about the track of the aircraft to about 8 nautical miles about the track of the aircraft.

11. (Previously Presented) The display of Claim 1, wherein a boundary of the swath rotates away from the track of the aircraft in a direction of a turn, the boundary rotating from a rotation point at the origin of the track of the aircraft.

12. (Previously Presented) The display of Claim 11, wherein the swath rotates $\emptyset/2$ degrees, where \emptyset is a bank angle of a non-accelerated, constant altitude turn.